

Patent Abstracts of Japan

PUBLICATION NUMBER : 2003251181
PUBLICATION DATE : 09-09-03

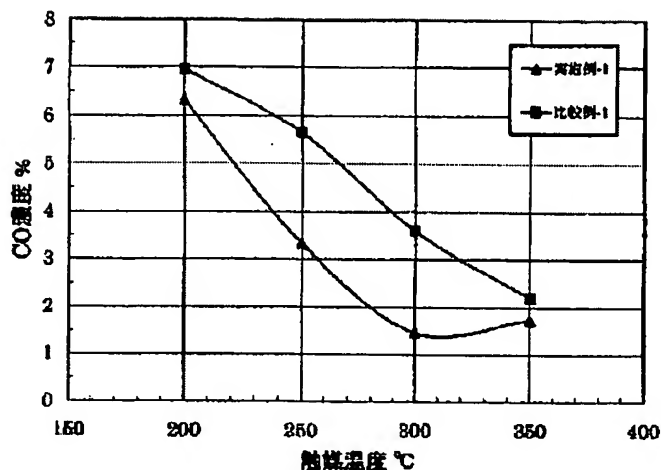
APPLICATION DATE : 05-03-02
APPLICATION NUMBER : 2002059224

APPLICANT : NE CHEMCAT CORP;

INVENTOR : KAJI HIROYUKI;

INT.CL. : B01J 23/656 C01B 3/16 C01B 3/48

TITLE : CATALYST FOR REMOVING CARBON MONOXIDE IN HYDROGEN GAS



ABSTRACT : PROBLEM TO BE SOLVED: To obtain a catalyst for removing CO having an effect to suppress a methanation reaction in which catalyst activity is high when used to remove CO contained in a hydrogen rich gas, such as a reformed gas, by converting to CO_2 by the reaction of a water gas shift, and in which the CO is converted to CH_4 in a high temperature region.

SOLUTION: This catalyst for removing carbon monoxide in the hydrogen rich gas is characterized in that platinum and/or platinum oxide and rhenium and/or rhenium oxide are supported on a carrier comprising titania or a metal oxide containing the titania.

COPYRIGHT: (C)2003,JPO

THIS PAGE BLANK (USPTO)

THIS PAGE BLANK (USPTO)